

Converting Colors

YUV(141.4780, -58.4097,
67.9868)

Have a look what the booklet for
YUV(141.4780, -58.4097, 67.9868)
contains.

YUV(141.4780, -58.4097, 67.9868)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(141.4780, -58.4097,
67.9868)**

Conversions

Conversions Part 1

Format	Color
Hex	DB7D17
RGB	219, 125, 23
RGB Percent	86%, 49%, 9%
CMY	0.1412, 0.5098, 0.9098
CMYK	0.00, 0.43, 0.89, 0.14
HSL	31°, 81%, 47%
HSV	31°, 89%, 86%
XYZ	36.7017, 29.7892, 4.6261
YIQ	141.4780, 88.7660, -11.7940

Conversions

Conversions Part 2

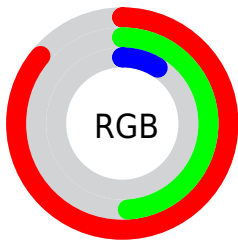
Format	Color
RYB	204, 219, 23
Decimal	14384407
CIELab	61.47, 30.17, 63.78
CIElCh	61, 70.559, 64.687
Yxy	29.7892, 0.5161, 0.4189
Android (android.graphics.Color)	4292574487 (0xFFDB7D17)
YUV	141.4780, -58.4097, 67.9868
Hunter-Lab	54.5794, 24.5174, 33.1802

Details

The YUV color **141.4780, -58.4097, 67.9868** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **100.5220, 58.4097, -67.9868**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.8510, -54.1565, 57.1357**, and **90.9680, -44.8472, 57.9101** is the 20% darker color. If you saturate the color by 10%, you get **132.5130, -64.8359, 75.8491**, and if you desaturate by 10%, it is **150.4430, -51.9834, 60.1245**.

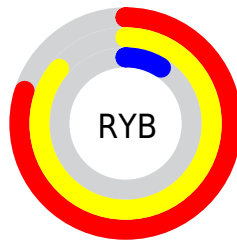
Distribution



Red (86%)

Green (49%)

Blue (9%)



Red (80%)

Yellow (86%)

Blue (9%)

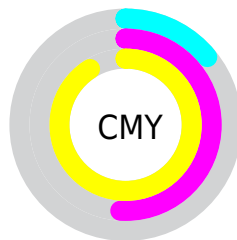


Cyan (0%)

Magenta (43%)

Yellow (89%)

Black (14%)



Cyan (14%)

Magenta (51%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 141.4780, -58.4097, 67.9868 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 141.4780, -58.4097, 67.9868 by changing the saturation by 10% instead.

141.4780,
-58.4097, 67.9868

141.4780,
-58.4097, 67.9868

255.0000, 0.0000,
0.0000

114.9120,
-56.6516, 64.0982

189.8510,
-54.1565, 57.1357

90.9680, -44.8472,
57.9101

209.3650,
-50.4659, 40.0219

67.9100, -33.4796,
51.8219

228.8790,
-46.7753, 22.9081

45.7380, -22.5488,
45.8338

244.2840,
-41.0590, 9.3979

22.1040, -10.8973,
42.0048

247.4760,
-28.8287, 6.5985

13.5690, -6.1965,
27.5650

250.7820,

0.0000, 0.0000,

-16.1615, 3.6992

0.0000

254.0880, -3.4944,
0.7998

141.4780,
-58.4097, 67.9868

141.4780,
-58.4097, 67.9868

132.5130,
-64.8359, 75.8491

150.4430,
-51.9834, 60.1245

132.3990,
-65.2727, 75.9491

158.8210,
-45.2678, 52.7770

167.7860,
-38.8415, 44.9147

176.1640,
-32.1259, 37.5672

185.1290,
-25.6996, 29.7049

■ 193.3930,
-19.4207, 22.4573

■ 202.3580,
-12.9945, 14.5950

■ 210.7360, -6.2788,
7.2475

■ 219.7010, 0.1474,
-0.6148

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



141.5210, -29.8369, 96.8901



141.4780, -58.4097, 67.9868



137.9940, -68.0310, 27.1923

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



141.4780, -58.4097, 67.9868



121.7970, 17.3551, -106.8160



151.4160, 49.5879, 8.4052

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



141.4780, -58.4097, 67.9868



100.5220, 58.4097, -67.9868

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



118.8810, 67.1067, -104.2586



141.4780, -58.4097, 67.9868



128.1640, 44.2891, -112.3998

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



141.4780, -58.4097, 67.9868



112.0390, -9.8792, -98.2582



128.2730, 62.4764, -112.4954



148.8510, 26.6955, 71.1677

Rectangle

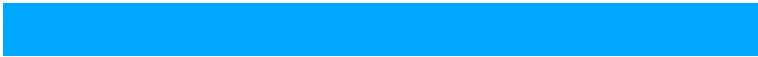
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



141.4780, -58.4097, 67.9868



132.1920, -65.1707, -3.6764



128.2730, 62.4764, -112.4954



146.5650, 53.4585, -19.7895

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



141.4780, -58.4097, 67.9868



227.7630, -20.5892, 23.8868



92.4340, 12.6040, 110.9984



111.5860, -12.1209, 14.3951



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



141.4780, -58.4097, 67.9868



154.3160, -76.0778, 88.2999



195.7590, -85.1702, 17.7514



105.2240, -3.0684, 4.1886



104.5570, -51.5466, 60.0245



27.8420, -13.7261, 15.9246

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



100.5220, 58.4097, -67.9868



100.6840, 76.0778, -88.2999



46.2410, 85.1702, -17.7514



103.1890, 3.3578, -3.6738



68.4430, 51.5466, -60.0245



18.1580, 13.7261, -15.9246

Previews

White Background



This preview shows how the YUV color 141.4780, -58.4097, 67.9868 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 141.4780, -58.4097, 67.9868 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 141.4780, -58.4097, 67.9868

Background



This preview shows how black text looks on a background with the YUV color 141.4780, -58.4097, 67.9868.



This preview shows how white text looks on a background with the YUV color 141.4780, -58.4097, 67.9868.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

141.4780, -58.4097, 67.9868

Protanopia

141.1150, -54.7797, 23.5781

Deuteranopia

138.9790, -68.5166, 42.9914



Tritanopia

149.0190, -11.8414, 64.8813

Trichromacy



Original Color

141.4780, -58.4097, 67.9868

Protanomaly

141.1710, -56.2863, 40.1920

Deuteranomaly

139.6580, -64.9074, 52.0429

Tritanomaly

146.2630, -28.7237, 66.4213

Monochromacy



Original Color

141.4780, -58.4097, 67.9868

Achromatopsia

141.0000, 0.0000, 0.0000

Achromatomaly

140.9480, -21.1734, 24.6016

CSS Examples

Text

The CSS property to change the color of the text to YUV 141.4780, -58.4097, 67.9868 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(219, 125, 23)` looks like.

```
.text, #text, p{  
    color:rgb(219, 125, 23)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(219, 125, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 125, 23) }
```

Border

The CSS property to change the border of an element to YUV 141.4780, -58.4097, 67.9868 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(219, 125, 23) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(219, 125, 23) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(219, 125, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 125, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 125, 23);  
box-shadow:4px 4px 4px 4px rgb(219, 125,  
23) }
```

Background

The CSS property to change the background color of an element to YUV 141.4780, -58.4097, 67.9868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 125, 23) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(219,  
125, 23) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor